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Thank you,

Mark L. Berrier

Attached please find the Response to the Official Action mailed August 29, 2001.

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Re: Response to Office Action dated August 29, 2001 for DUPONT1120-1

From: Mark L. Berrier 512.457.7016 Client-Matter Number: 103631.991121

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#9/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
RESPONSE TO OFFICE ACTION DATED: 08/29/01	Atty. Docket No. (Opt.) **DUPONT1120-1**

Applicant **Michael J. Penberth, et al.**	
Application Number **09/262,778**	Filed **03/04/99**
For **Method and System for Calibrating the Scan Amplitude of an Electron Beam Lithography Instrument**	
Group Art Unit **2621**	Examiner **Chawan, S.**
Confirmation Number: **9973**	

Honorable Asst. Commissioner
of Patents
Washington, D.C. 20231

Certification Under 37 C.F.R. § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on November 29, 2001.

Katherin Cope

Katherin Cope

Dear Sir:

In response to the Official Action mailed August 29, 2001, Applicants respectfully request the Examiner reconsider the rejections of the Claims in view of the following amendments to the Claims and comments as set forth below. Please amend the Application as follows:

IN THE CLAIMS:

Please substitute the following amended claims for like numbered claims in the existing application. Marked up versions showing changes relative to the previous version of the following claims are included in attached Appendix I.

A1 Sub C1

2. **(amended)** A method for determining the position of a feature within the scan that is effective at the operating frequency of the scan and using a limited bandwidth video signal, comprising the steps of:

using a sample having a black to white video transition as a reference feature

unblanking the beam for a short period;

advancing the unblanked period along the line by a small increment each succeeding scan;